

IN THE CLAIMS:

Please amend claims 1-2, 7-8, and 13-14 as follows.

1. (Currently Amended) A reception method in a radio system comprising at least two receivers each comprising a radio part, which comprises channelling means, and a baseband part, each receiver using a dedicated narrowband channel, the method comprising:

~~receiving~~separating, by the radio part of each receiver, the narrowband channel used by the receiver from a signal received from the radio path;

forwarding the ~~received~~separated narrowband channel from the radio part of the receiver to the baseband part for further processing;

~~receiving~~separating, by the radio part of at least one receiver, in addition to the narrowband channel used by the receiver, at least one narrowband channel other than that used by the receiver from the signal received from the radio path; and

forwarding said at least one other separated narrowband channel from the radio part of said at least one receiver to the baseband part of at least one other receiver using said other narrowband channel for further processing.

2. (Currently Amended) The method of claim 1, the method comprising:

~~receiving~~separating each narrowband channel used by the system

receivers from the signal received from the radio path by the radio part of at least one receiver; and

forwarding each ~~received~~ separated narrowband channel from the radio part of said at least one receiver to the baseband part of the receiver using the channel in question for further processing.

3. (Previously Presented) The method of claim 1, wherein said further processing of the narrowband channel in the baseband part comprises channel demodulation.

4. (Previously Presented) The method of claim 1, wherein at least one of the receivers comprises at least two radio parts.

5. (Previously Presented) The method of claim 1, the method further comprising:

combining the narrowband channels for further processing in the baseband part of the receiver when two or more narrowband channels received via different paths are forwarded to the baseband part.

6. (Previously Presented) The method of claim 1, the method further comprising:

selecting the best narrowband channel for further processing in the

baseband part of the receiver when two or more narrowband channels received via different paths are forwarded to the baseband part.

7. (Currently Amended) A radio system comprising:

at least two receivers each comprising a radio part, which comprises channelling means, and a baseband part, each receiver being configured to use a dedicated narrowband channel, and the radio part of each receiver being configured to ~~receive~~ separate the narrowband channel used by the receiver from a signal received from the radio path and to forward the ~~received~~ separated narrowband channel to the baseband part of the receiver for further processing, wherein

the radio part of at least one receiver is configured to ~~receive~~ separate, in addition to the narrowband channel used by the receiver, at least one ~~other narrowband channel in addition to the channel~~ other than that used by the receiver from the signal received from the radio path, the system further comprising:

transmission means for forwarding said at least one other separated narrowband channel from the radio part of said at least one receiver to the baseband part of at least one other receiver using said other narrowband channel for further processing.

8. (Currently Amended) The system of claim 7, wherein the radio

part of at least one receiver is adapted to ~~receive~~separate each narrowband channel used by the system receivers from the signal received from the radio path, the system further comprising:

transmission means for forwarding each of said separated narrowband channels from the radio part of said at least one receiver to the baseband part of the receiver using said channel for further processing.

9. (Previously Presented) The system of claim 7, wherein said further processing of the narrowband channel in the baseband part comprises channel demodulation.

10. (Previously Presented) The system of claim 7, wherein at least one receiver comprises at least two radio parts.

11. (Previously Presented) The system of claim 7, wherein the baseband part of the receiver is configured to combine the narrowband channels for further processing when two or more narrowband channels received via different paths are forwarded to the baseband part.

12. (Previously Presented) The system of claim 7, wherein the baseband part of the receiver is configured to select the best narrowband channel for further processing when two or more narrowband channels received

via different paths are forwarded to the baseband part.

13. (Currently Amended) A receiver ~~in~~for a radio system comprising at least two receivers each comprising a radio part, which comprises channelling means, and a baseband part and; each receiver being configured to use a dedicated narrowband channel, ~~and~~ the radio part of the receiver being configured to ~~receive~~separate the narrowband channel used by the receiver from a signal received from the radio path and to forward the received narrowband channel to the baseband part of the receiver for further processing, wherein:

the radio part of the receiver is configured to ~~receive~~separate, in addition to the narrowband channel used by the receiver, at least one ~~other~~ narrowband channel ~~in addition to the channel~~ other than that used by the receiver from the signal received from the radio path; and

the receiver is configured to forward said at least one other separated narrowband channel from the radio part of the receiver to the baseband part of at least one other radio system receiver using said other narrowband channel for further processing.

14. (Currently Amended) The receiver of claim 13, wherein the ~~wideband~~ radio part of the receiver is configured to ~~receive~~separate each narrowband channel used by the radio system receivers from the signal received

from the radio path and to forward each of said separated narrowband channels from the radio part of the receiver to the baseband part of the other receiver using said channel for further processing.

15. (Previously Presented) The receiver of claim 13, the receiver comprising at least two radio parts.

16. (Previously Presented) The receiver of claim 13, wherein the baseband part of the receiver is configured to combine the narrowband channels for further processing when two or more narrowband channels received via different paths are forwarded to the baseband part.

17. (Previously Presented) The receiver of claim 13, wherein the baseband part of the receiver is configured to select the best narrowband channel for further processing when two or more narrowband channels received via different paths are forwarded to the baseband part.